

EQUIPMENT CONNECTION SCHEDULE																																
PLAN	DESIG./		ELECTRICAL CHARACTERISTICS								CIRCUITING INFORMATION		OCPD		WIRING INFORMATION					DISCONNECT INFORMATION					STARTER INFORMATION					NOTES		
ID	LOAD TYPE	EQUIPMENT DESCRIPTION	VOLTAGE	PHASE	WIRE	FREQ.	MOTOR FLA	MOPD	MCA	UNIT	PANEL	CIRCUIT #	SIZE	SPECIAL	SET(S)	PHASE	NEUTRAL	GROUND	CONDUIT	TYPE	PROVIDED	INSTALLED	SIZE	POLE	MTG. HT.	TYPE	LOCATION	PROVIDED	INSTALLED		SPECIAL FEATURES	
37	FCU-37	FAN COIL UNIT	208	1	2	60Hz	3.10	20	3.91		PP/B(R)	11,13			(1)	(2)		(1)	¾"													1
	HP-37															#12		#12														
38	FCU-38	FAN COIL UNIT	208	1	2	60Hz	5.30	20	7.39		PP/B(L)	11,13			(1)	(2)		(1)	¾"													1,13,14
	HP-38															#12		#12														
39	FCU-39	FAN COIL UNIT	208	1	2	60Hz	3.10	20	3.91		PP/B(L)	11,13			(1)	(2)		(1)	¾"													1,13
	HP-39															#12		#12														
40	FCU-40	FAN COIL UNIT	208	1	2	60Hz	5.30	20	6.61		PP/B(L)	38,40			(1)	(2)		(1)	¾"													1,13
	HP-40															#12		#12														
41	FCU-41	FAN COIL UNIT	208	1	2	60Hz	5.30	20	6.61		PP/B(L)	38,40			(1)	(2)		(1)	¾"													1,13,15
	HP-41															#12		#12														
42	FCU-42	FAN COIL UNIT	208	1	2	60Hz	5.90	20	7.39		PP/B(L)	34,36			(1)	(2)		(1)	¾"													1,13
	HP-42															#12		#12														
43	FCU-43 (NEW)	FAN COIL UNIT	208	1	2	60Hz	3.20	20	4.01		PP/B(L)	34,36			(1)	(2)		(1)	¾"													1,13
	HP-43															#12		#12														
44	CH-1	CHILLER	480	3	3	60Hz	96	110			HCP	7,9,11	110		(1)	(3)		(1)	2"	MAG	EC	EC	200	3	NU	VFD	IU	MC	MC			2
																#1		#6														
45	EF-1	EXHAUST FAN	115	1	2	60Hz	3	15			PP/B(R)	37	20		(1)	(2)	(1)	(1)	3/4"	MAG	EC	EC	30	1	NU	MAG	MFG	MC	MC			3
																#12	#12	#12														
46	P-1	PUMP-1,2,3 SKID	480	3	3	60Hz	28	35			HCP	49,51,53	35		(1)	(3)		(1)	1"	MAG	EC	EC	60	3	NU	VFD	IU	MC	MC			5
																8		#10														
47	CH-2	CHILLER	480	3	3	60Hz	96	110			HCP	43,45,47	110		(1)	(3)		(1)	2"	MAG	EC	EC	200	3	NU	VFD	IU	MC	MC			2
																#1		#6														
48	TCP	TEMPERATURE CONTROL PANEL	120	1	2	60Hz	5	20			PP/B(R)	29	20		(1)	(2)		(1)	3/4"													
																#12		#12														

EQUIPMENT CONNECTION SCHEDULE NOTES:

1.

ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING VARIABLE REFRIGERANT FLOW INDOOR HEAT PUMP AS SHOWN AT EACH LOCATION. MECHANICAL CONTRACTOR TO REMOVE EXISTING VARIABLE REFRIGERANT FLOW INDOOR HEAT PUMP AND DIRECTLY REPLACE WITH NEW FAN COIL UNIT. ELECTRICAL CONTRACTOR TO RECONNECT WIRING TO NEW FAN COIL UNIT. EXISTING DISCONNECT TO BE REUSED FOR FAN COIL UNIT.
2.

ELECTRICAL CONTRACTOR TO PROVIDE A WEATHER PROOF, NON FUSIBLE 200 AMP 3 PHASE, 600V DISCONNECT SWITCH ON UNISTRUT SUPPORT MOUNTED NEAR CHILLER.
3.

ELECTRICAL CONTRACTOR TO PROVIDE A 120V, 1-PHASE, 30 AMP NON FUSIBLE DISCONNECT SWITCH TO BE MOUNTED WITHIN SIGHT OF EXHAUST FAN (NEW), COORDINATE PLACEMENT IN FIELD WITH GENERAL CONTRACTOR PROVIDE NEW IP-15 AMP BREAKER IN SPACE NUMBER 47 FOR EXHAUST FAN.
4.

ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING VARIABLE REFRIGERANT FLOW INDOOR HEAT PUMP AS SHOWN AT EACH LOCATION. MECHANICAL CONTRACTOR TO REMOVE EXISTING VARIABLE REFRIGERANT FLOW INDOOR HEAT PUMP AND DIRECTLY REPLACE WITH NEW FAN COIL UNIT. ELECTRICAL CONTRACTOR TO REMOVE EXISTING CIRCUIT TO UNIT AND PROVIDE NEW CIRCUIT AS INDICATED.
5.

DISCONNECT IS PROVIDED WITH PUMP.
6.

THE EXISTING HP-20 WAS SERVED BY PP-B(L) CIRCUIT 11,13. CONTRACTOR TO REMOVE FROM THAT CIRCUIT AND PROVIDE AS SHOWN.
7.

THE EXISTING HP-10 WAS SERVED BY PP-B(L) CIRCUIT 8,10. CONTRACTOR TO REMOVE FROM THAT CIRCUIT AND PROVIDE AS SHOWN.
8.

PROVIDE A 2P-20A BREAKER IN SPARES POSITIONS 38,40, OF PANEL PP/B (LEFT).
9.

THE EXISTING HP-11 WAS SERVED BY PP-B(L) CIRCUIT 12,14. CONTRACTOR TO REMOVE FROM THAT CIRCUIT AND PROVIDE AS SHOWN.
10.

THE EXISTING HP-17 WAS SERVED BY PP-B(L) CIRCUIT 7,9. CONTRACTOR TO REMOVE FROM THAT CIRCUIT AND PROVIDE AS SHOWN.
11.

THE EXISTING HP- WAS SERVED BY PP-B(R) CIRCUIT 14,16. CONTRACTOR TO REMOVE FROM THAT CIRCUIT AND PROVIDE AS SHOWN.
12.

PROVIDE A 2P-20A BREAKER IN SPARES POSITION 34,36 OF PANEL PP/B(LEFT).
13.

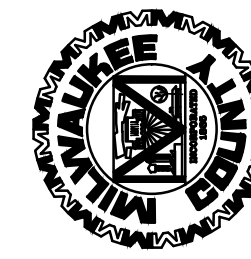
THE EXISTING HP- WAS SERVED BY PP-B(R) CIRCUIT 2,4. CONTRACTOR TO REMOVE FROM THAT CIRCUIT AND PROVIDE AS SHOWN.
14.

PROVIDE A 2P-20A BREAKER IN SPARES POSITION 30,32 OF PANEL PP/B(LEFT).
15.

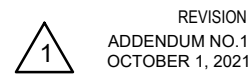
PROVIDE A 2P-20A BREAKER IN SPARES POSITION 25,27 OF PANEL PP/B(LEFT).



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REVISION
ADDRESS/NO. 1
OCTOBER 1, 2021

DATE
09-15-2021
PROJECT
P21-0245
SITE
365
BUILDING
5560 & 5561